Memo

Deltares USA

To
CHPS

Date	**Number of pages**
September 15, 2014	4

From	**Direct line**	**E-mail**
Matthijs Lemans	240-4756707	Matthijs.lemans@deltares-usa.us

Subject
Release Notes CHPS for FEWS release 2014.01

1 Introduction

This FEWS release contains of

- a FEWS stable 2014.01 build
- install notes
- release notes general
- **release notes CHPS**
- configuration update document

This document holds the release notes specific for the CHPS applications for NWS and BPA. For general release notes of the 2014.01 releases, please see the documents below. These can also be found at http://publicwiki.deltares.nl/display/FEWSDOC/Delft-FEWS+Release+Notes:

- Delft-FEWS_201401_solved_bugs.pdf
- Delft-FEWS_201302_solved_bugs.pdf
- Delft-FEWS_201401_new_features.pdf
- Delft-FEWS_201302_new_features.pdf
- Delft-FEWS_NewFeatures201401.mp4

The mp4 file about the highlights of the 2014.01 features can also be watched online: http://www.youtube.com/watch?v=OuWSNUfo0Ps

Content of this document:

2 New features

New features designed for NWS and BPA are listed in the table below.

FB	JIRA	Description
FB 1434	FEWS 11013	PI Service enhancements
FB 1411	FEWS 10862	Download data
FB 1370	FEWS 10688	Map Displays
FB 1314	FEWS 10571	Multi Segment mods
FB 1240	FEWS 11280	Tidal Balance Review Error instead of warning
FB 1153	FEWS 10660	Better log message in CM for coldstate files without space
FB 859		Add manual edit option for QPCSHIFT mod
FB 553	FEWS 9873	Flow and Stage Thresholds
FB 550	FEWS 10689	Modifier Properties
FB 531	FEWS 10661	TS mod missing values
FB 516	FEWS 11139	Legend to include all ensemble members
FB 269	FEWS 10696	UHG cosmetic bugs

3 Some general enhancements and sensitivity warnings

Some of the general enhancements described in the pdfs with new features will visually effect the CHPS systems as well.

3.1 Blue and green check marks in the IFD Forecast display

The check marks in the IFD Forecast display differ in colour. The blue icons represent local runs. Local runs are only saved in local cache files. Once they run at the server, they will be saved in the local and central database. The checkmark turns to green in that case. You will see similar color differences in the Forecast Management display.
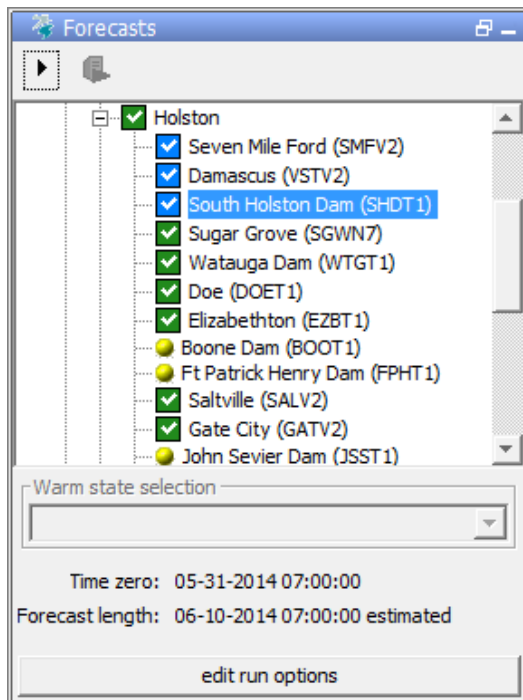
3.2 Warning high amount of time series in the database

FEWS can now give you a pop up box when it finds unusual number of timeseries in the database. For example for NCRFC:
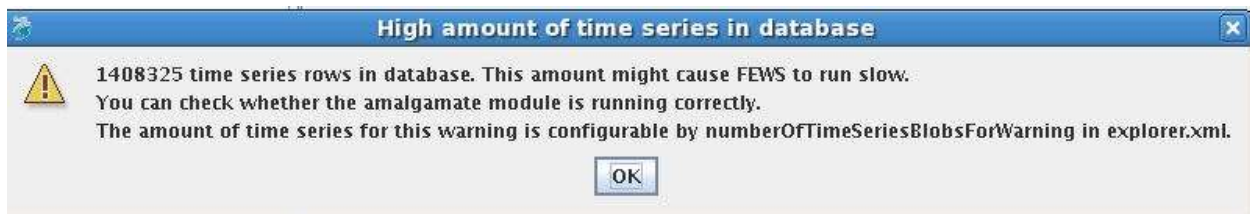
As can be read from the pop up box, the amount of time series for this warning is configurable by the option 'numberOfTimeSeriesBlobsForWarning in the Explorer.xml.

3.3 Increased sensitivity in Polygons.xml

Errors like the following can be seen in some CHPS configurations

ERROR - Polygons.getShapeMap - Config.Error: Duplicate shape id VISN2LUF detected in column NAME at row 123

3.4   geoDatum settings for ASCII import mdule

FEWS will throw a warning if the coordinates specified in the external ascii grid are not valid according to the geoDatum specified in the Import module.

```
Import Warn: import from
/awips/chps_share/sa/marfc_beta/marfc_sa/Import/arcinfo/MAPE_20140903120000.a
sc failed at line 6: Coordinates specified in ascii grid are not valid for
WGS 1984.
```

You can import the files if you correct the geodatum in the Import module file, for example changing the incorrect WGS 1984 to <geoDatum>UTM10N</geoDatum>.

4 Solved bugs

Solved bugs for NWS and BPA are listed in the table below.

FB	JIRA	Description
FB 950	FEWS-9381	Pcraster issues at MARFC
FB 1217	FEWS-9870	FEWS MC-MC standalone synchronization not working correctly
FB 1132	FEWS-9871	Correlation Plot units
FB 667	FEWS-9872	Too much precision on Q and not enough on Stage in plot window
FB 1127	FEWS-10034	PDF Does Not Display correctly in Document Viewer
FB 1281	FEWS-10179	PiService runTask() Method XFire Error with "null" start/end time
FB 1280	FEWS-10234	Rolling barrel deletes all IFD runs
FB820	FEWS-10381	problems with projection ascii files
FB 1335/1357	FEWS-10435	XML Parsing Errors in MCOO TaskManager
-	FEWS-10436	PIService submitting tasks without task properties
FB 1314	FEWS-10571	Multi-segment modifiers disappear when temporarily deactivied
FB 1170	FEWS-10659	Behavior of arrows with tschng mod has changed
FB 531	FEWS-10661	Shift values in tschng mode leaves missing values
FB 1396	FEWS-10775	PiService X11 Errors and Required RPM's
FB 1388	FEWS-10833	patch45343 issues
FB 995	FEWS-10974	SingleValueModifier not dynamic
FB 1434	FEWS-11013	PIXML version for getTimeseriesHeader in PI-service
FB 1067	FEWS-11026	Clipped NOHRSC SWE grids not processing
FB 1107	FEWS-11132	Modifiers Window sorting issue